PASSPORT®

To MIDI

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Welcome to the Exciting World of MIDI

Whatever your musical goals, MIDI provides extraordinary possibilities for easily performing, creating and enjoying music. When you take full advantage of MIDI, your computer expands into a musical entertainment and education center with revolutionary capabilities!

We invite you to read on as we explore the why's and wherefore's of the exciting musical world of MIDI! If you encounter an unfamiliar word or expression, please refer to the enclosed glossary section.

Who Is Passport?

Passport Is the industry's oldest and largest developer of MIDI interfaces and music software. From professional recording studios to music hobbyists, Passport is the number one choice for MIDI interfaces, as well as for composing, sequencing, voicing and music printing applications.

What is MIDI?

MIDI stands for "Musical Instrument Digital Interface," and is a language used to communicate musical information. These initials represent an international standard, which allows keyboards, drum machines, guitar controllers, mixing boards and an ever-increasing array of new music equipment to communicate music in a common language. The beauty of this is that it eliminates the question of compatibility. MIDI is MIDI regardless of the equipment it is "spoken" by. The most basic of MIDI connections is between two keyboards of the same or different manufacturers.

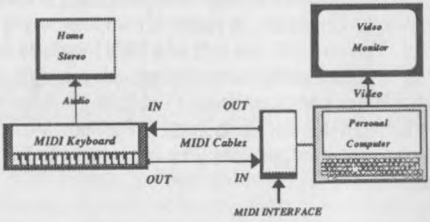
MIDI and the Personal Computer

When you connect one or more MIDI devices to a personal computer equipped with a **MIDI Interface and MIDI Software** the results are pure magic. Imagine, a desk-top studio where you can record your own "albums" and publish your own compositions. All this is possible because of the computer revolution and a standard called **MIDI.**
Pairing a computer with one or more MIDI devices allows you to capture, change and use MIDI communication in a variety of different ways. Connecting a personal computer to any MIDI device is easy. You do it with the help of a **MIDI Interface** and two **MIDI cables** . Today, some computers provide a built-in MIDI interface but if your computer doesn't Passport provides MIDI interfaces for most popular computers. A Passport MIDI interface is easily installed, and provides your computer with the ability to speak MIDI.

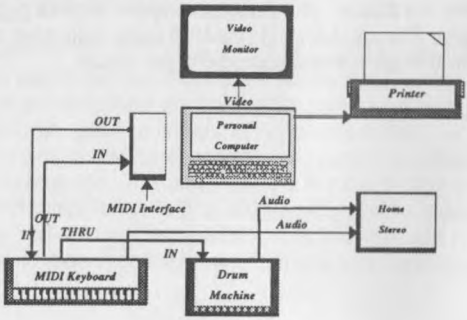
Passport is the leading developer of music software. Different software applications allow you to use your computer and MIDI gear to record music, play it back, compose, print out songs and even learn to play better! Software lets you tell your computer what you want it to do. The different tasks a computer can be asked to perform are called "applications." When the applications are musical, your personal computer requires music software. The capabilities of your MIDI music system will depend on which music software applications you choose.

Popular MIDI Setups

The first step with MIDI is a system involving your MIDI keyboard, personal computer, home stereo and video monitor. This system provides the basic components of a computerized MIDI system and is ideal for Music Entertainment, Music Education and simple Performance and Recording Applications. Your MIDI keyboard and personal computer are connected with the help of two MIDI cables and a "MIDI interface". This interface plugs in your computer and allows it to "Speak MIDI" .



The system shown below includes the addition of a computer printer as well as a drum machine or rhythm unit. The printer gives you the ability to use Music Printing Software to print your own sheet music. The drum machine will enhance your performances with automatic rhythm accompaniment.



MIDI Products from Passport Designs.

We'd like to introduce you to the Passport Library of MIDI Software. The programs are listed in groups according to their intended use: Sequencing, Printing, Voicing, Education,and Entertainment..

Sequencing Software

Master Tracks Pro™ for Macintosh and Atari ST
This is quite simply the most sophisticated MIDI recording and editing package ever written. Based on Passport's best selling sequencer, Master Tracks Pro was designed from the ground up to harness the raw power of the Macintosh's elegant user interface. Its five main modules provide 64 tracks of real-time and step-time input, graphical song editing, graphical step editing, a system exclusive librarian and keyboard control mapper all in one package. (Macintosh 512e, Macintosh Plus, Macintosh SE, Mac II, Atari 520 ST or Atari 1040 ST)

$349.95

Master Tracks Pro™ for Apple //e and Commodore 128
If you own an Apple enhanced //e or Commodore 128, you can get a MIDI recording and editing system that rivals the best available on any machine. Master Tracks Pro is an enhanced version of our best selling Master Tracks sequencer. It gives you real-time, step-time and song mode sequencing and expanded memory up to 325,000 notes (Apple //e with 2 mg). Create multi-track songs in sections or as continuous works. Record or play from any point in the sequence. Sync to SMPTE to MIDI converters through MIDI Song Pointer. Instantly move between recorder, step editor and song editor without accessing the disk. (Apple //e or Commodore 128)

$299.95

MIDISOFT Studio™

MIDISOFT Studio is the first low-cost, full-featured MIDI sequencer for the ST and IBM PC families of computers. It forms the heart of a home MIDI recording studio for making demos, composing new songs, or just playing around. Get the same features of the best-selling sequencers at an incredibly low price. MIDISOFT Studio makes it easy for you to lay down multi-track sequences with its main screen controls and clear, friendly user interface. All the information you need is right on the screen and you can quickly see what tracks are playing and what instruments you are using.

(Atari 520 ST, Atari 1040 ST) ***$99.95***

(IBM PC or compatible with IBM PC Music Feature) ***$149.95***

Master Tracks PC™

Passport's Master Tracks PC is a phrase-oriented, 64 track MIDI sequencer, step editor, song composer and performance software package designed especially for you and your IBM PC. Incorporating a new, proprietary technology called Dynamic Phrase Allocation™, Master Tracks PC gives you a free-form approach to composing music. You can shape and mold your ideas at your own pace. Combine or extract phrases of any length. Then assemble them in any order you want, at any time, as often as you wish. (IBM PC, AT, XT or compatible)

$395.00

Master Tracks™

Now you can compose, arrange and orchestrate music with one program: Master Tracks. Get Real-Time, Step-Time and Song Mode sequencing all in one easy-to-use, 16 channel package. Complete freedom in input and editing encourages experimentation and helps your ideas to flow. (Apple //plus, Apple //e, Apple //c, Apple //gs and Commodore 64)

$249.95

MIDI/8 Plus ™

This eight channel multi-track recording software turns your computer and MIDI keyboard into a professional recording studio! Use unlimited overdubbing to create up to eight independent parts assignable on any MIDI channel. Includes punch in/out, auto correct, looping, tape or drum sync, linking and much more! (Apple plus, Apple//e, Apple //c, Apple //gs and Commodore 64)

$149.95

Printing Software

SCORE™

Imagine a system that would let you input, edit, and print any piece of music that you could possibly conceive with engraver quality... Imagine SCORE. Input via mouse or keyboard; even send pitch data from a MIDI keyboard. Edit on-screen using a cursor or mouse. Output camera-ready manuscripts using a laser printer, typesetter or dot matrix printer. Developed over the last 15 years at Stanford University by Professor Leland Smith, SCORE brings the full power of computing to music printing and music publishing applications. Its full complement of graphic editing and page layout commands provide complete control over the placement , size, shape, spacing and output resolution of music notation. (IBMPC/ AT/XT and compatibles)

$795.00

Polywriter ™

Play your music, and let Polywriter transcribe it to create scores in eight different formats! Work with your scores the same way a writer works with a word processor. Use the 28 part orchestral score option to transpose and print individual parts automatically. Even enter and edit text information. (Apple // plus, Apple //e, Apple//c, and Apple //gs)

$299.95

Passport Product Line
Price and Compatibility Chart

■ = Available

Music Software	Mac	ST	IBM	// +	//e	//c	//gs	C-64	C-128	Price
Master Tracks Pro (Mac and Atari St)	■	■								$349.95
Master Tracks Pro (Apple //e, C-128)					■				■	$299.95
Master Tracks				■	■	■	■	■	■	$249.95
Master Tracks PC			■							$395.00
MIDI 8/plus					■	■	■	■	■	$149.95
MIDISOFT Studio (Atari ST)		■								$99.00
MIDISOFT Studio (PC Music Feature)			■							$149.95
SCORE			■							$795.00
Polywriter				■	■	■	■			$299.95
Polywriter Utilities				■	■	■	■			$99.95
Music Shop for MIDI								■	■	$149.95
Music Tutor				■	■					$229.95

MIDI Interfaces	Mac	ST	IBM	// +	//e	//c	//gs	C-64	C-128	Price
Interface for Macintosh	■									$99.95
Interface w/drum Sync				■	■		■		■	$129.95
Interface w/tape Sync				■	■		■		■	$199.95
MIDI Pro Interface						■				$199.95

Librarian Software	Mac	ST	IBM	// +	//e	//c	//gs	C-64	C-128	Price
DX 7, TX7	■		■	■	■	■		■	■	$69.95
DX 21/25/100			■	■	■			■	■	$69.95
TX 8/16	■		■	■	■			■	■	$69.95
CZ 101/1000/3000/ 5000	■		■	■	■	■		■	■	$69.95
CZ 1			■	■	■			■	■	$69.95
DW 8000			■	■	■			■	■	$69.95
OB-8			■	■	■			■	■	$69.95
JX 8P			■	■	■			■	■	$69.95
Juno 106			■	■	■			■	■	$69.95

Voicing Software	Mac	ST	IBM	// +	//e	//c	//gs	C-64	C-128	Price
FB 01 Editor			■	■	■		■	■	■	$125.00
PC Music Feature			■							$149.00
JX 8P			■	■	■					$125.00

Polywriter Utilities ™
Enhances Polywriter by allowing it to exchange files with MIDI/4 Plus, MIDI/8 Plus and Master Tracks. Convert your music scores into recorded music, or turn your sequences into sheet music with the switch of a disk. Polywriter Utilities fully integrates your performing and printing programs. (For Apple // plus, Apple //e, Apple //c, and Apple //gs)

$99.95

The Music Shop for MIDI™
Perform and compose using a joystick, easy-to-use pull down menus and your MIDI keyboard! Input notes, copy scores, playback songs, edit on screen and print out your own sheet music! The Music Shop handles everything from whole notes to 32nd-note triplets. Editing is a snap, too. Simply "capture" an area of music, "copy" it and "paste" it elsewhere! A composer's dream. (Commodore 64 and Commodore 128)

$149.95

Voicing Software

Passport MIDI Voice Editor™
A voice librarian and editing system for Yamaha's FB-01 synthesizer module. This program lets you organize as well as edit sounds for the FB-01. In addition to Voicing, you can manipulate and edit the FB-01's unique Configuration section, letting you organize setups as well as sounds. (IBM PC/AT/XT, Apple //e, Apple //gs, or Commodore 64, 128) ***$125.00***
(For IBM PC Music Feature) ***$149.95***

MIDI Voice Librarian ™
Comes with over 100 great new sounds for your MIDI keyboard! Load up to four banks of 32 sounds at any moment directly from the software. Use the MIDI Voice Librarian to store your own favorite sounds. Available for Casio CZ Series, Yamaha DX-7, Roland JX-8P, Roland Juno 106 and Oberheim OB-8. (See page 8 for computer compatibility)

$69.95

Education Software

Music Tutor™
Ear training at its best. Music Tutor is a proven method that simplifies ear training for both teachers and students. Two disks provide interactive instruction in recognition of chords and intervals. Third disk maintains sophisticated records. (Apple //plus, and Apple //e)

$229.95

MIDI Entertainment Software

MIDI Sampler Song Album™
Listen and enjoy while your personal computer plays MIDI arrangements of ten Baroque masterpieces. Includes video graphics which "dance to the music." (Apple // plus, //e, Commodore 64)

$34.95

MIDI Pops Song Album ™
Plays pre-recorded MIDI arrangements of ten "pop" tunes.
(Apple // plus, Apple //e, Commodore 64)

$34.95

MIDI Beatles Song Album ™
Ten of the Beatle's greatest hits are pre-recorded to play through your MIDI keyboard!
(Apple //plus, Apple //e, Commodore 64)

$34.95

Passport MIDI Interfaces™

Passport MIDI Interface for Macintosh™
Provides MIDI IN and MIDI OUT to the Macintosh. (Available for Macintosh 512e, Macintosh Plus, Macintosh SE and Macintosh II)

$129.95

Passport MIDI Interface™ w/Drum Sync
The industry standard MIDI interface that provides MIDI IN, MIDI OUT, and DRUM OUT connections. This card works with any

MIDI keyboard and drum machine (Apple // plus, Apple //e, Apple IIgs and Commodore 64/128)

$129.95

Passport MIDI Interface™ w/Tape & Drum Sync
The industry standard card with MIDI IN, MIDI OUT, DRUM OUT, and TAPE SYNC connections. This card is expanded to permit synchronized recording using conventional multi-track tape recorders. (Apple // plus, Apple //e, Apple IIgs and Commodore 64/128)

$199.95

MIDI PRO™ Interface
An "intelligent" MIDI Interface for the Apple //c computer. No computer modification required. Incorporates full sync capabilities including MIDI In/Out, Clock In/Out and Tape Sync In/Out. (Apple //c, Laser 128)

$199.95

MIDI Cables
Used to connect your MIDI instruments to each other and to the Passport MIDI Interface™.

$25.00

MIDI Drum Sync Cable
Required to sync with non-MIDI drum machines to the Passport MIDI Interface™.

$25.00

MIDI Tape Sync Cable
Required to sync the Commodore version of the Passport MIDI Interface™ to tape recorders. (Commodore 64)

$25.00

Macintosh Plus Adapter Cable
Required to use the Passport MIDI Interface for Macintosh on a Macintosh Plus, Macintosh SE, or Macintosh II.

$25.00

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Glossary of Common Terms Used with MIDI

Clock: a timing signal used to control the tempo of music playback and recording, and to synchronize different MIDI components in a system.

Drum Machine: a rhythm section which produces realistic drum sounds and various rhythm patterns.

Drum Sync: a feature which synchronizes the clock of a drum machine to a clock of a computer.

Edit: to change the content of data in a file by deleting, inserting and changing information as needed. Editing is used to correct playing mistakes, transpose key signatures and change other musical parameters.

MIDI: acronym for Music Instrument Digital Interface, an international specification which allows MIDI -equipped devices to transmit and receive musical information. MIDI information is encoded into MIDI messages that describe musical activity.

MIDI Cables: connecting wires which carry data between MIDI devices.

MIDI Channel: any one of 16 different routes for the transmission and reception of MIDI signals, similar to the channels on a television set.

MIDI IN: the connector that allows a MIDI device to receive MIDI messages.

MIDI Interface: a hardware device that allows a computer to receive and transmit MIDI data.

MIDI OUT: the connector that allows a MIDI device to transmit MIDI messages.

MIDI Thru: a third MIDI connector found on some MIDI devices used to connect another device in series. This output echoes the MIDI information that the device receives on MIDI IN.

Monophonic: a musical term used to describe a single voice instrument such as a flute or trumpet.

Multi-timbral: a feature of some MIDI keyboards which describes the instrument's ability to produce two or more different sounds or timbres (tone colors) at the same time.

Multi-track: a way to record a complex musical arrangement by dividing it into simple "tracks", and combining the tracks during playback.

Music Printing Program: a computer program used to create hard copy of a composition in standard music notation.

Patch: referring to a particular sound created on a synthesizer. Comes from the use of "patch"cords on the original synthesizers.
Polyphonic: a musical term used to describe a multi-voice instrument such as an organ or piano.
Presets: a particular sound or timbre stored in your MIDI device's memory (see Patch or Voice).
Punch In/Out: a feature on some sequencers and tape recorders which allows the user to edit or correct a particular part of a recording in real time without having to re-record the entire piece.
Quantize: a function on some sequencers which modifies the information in its memory to improve its rhythmic accuracy and correct playing errors.
Real Time: as occurring in actual time or live. Real time computer programs operate very quickly to capture or re-create events as they occur in the normal course of a performance.
Score Format: the layout of the written score for a particular piece of music, usually a choice based on the combination of instruments and voices for which the composer or arranger is writing.
Sequence: a computer recording of data representing a particular piece of music which is stored in the memory of a sequencer.
Sequencer: a software application used to record, edit, compose and playback musical information that the musician enters either in real or step-time.
Software: the programs or sets of instructions describing the tasks to be performed by a computer system.
Step-Time: refers to a method of entering information into memory one "step" or event at a time; used in music software to input and edit notes or other MIDI information.
Sync: a feature that coordinates the clocks of two or more devices to "synchronize" the timing of the music they produce.
SMPTE: a timing code used by the Society of Motion Picture and Television to sync sound to film and video.
Tape-Sync: a method of synchronizing tape recorders to sequencers to allow accurate transfer of multi-track recordings from computer memory to tape.
Transcriber: a software application which automatically translates a musician's performance into sheet music which can be stored, edited and printed out.
Voicing Program: a software application that lets the user create new sounds and edit existing ones for a MIDI keyboard.

≈ Visa ≈

COMMONWEALTH OF MIDI

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Name (Please print)

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City, State, Zip

Phone

Were you mailed this booklet directly from Passport?

☐ Yes ☐ No

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